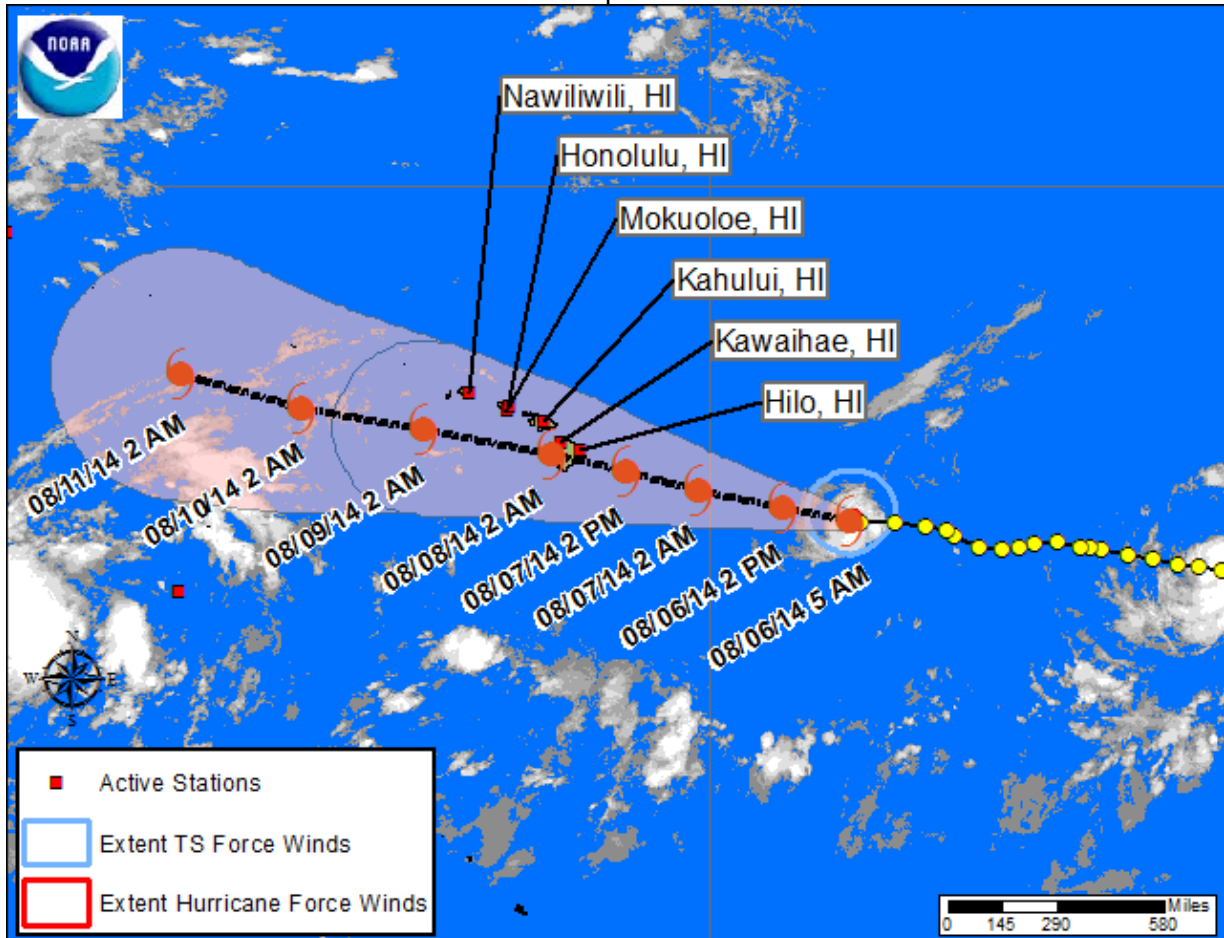




Hurricane ISELLE QuickLook  
Posted: 06:30 HST 08/06/2014

#### NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 08/06/2014 06:30 HST, water levels across the Hawaiian Islands range between 0.17 to 0.45 feet above normal tide levels. Winds are steady, with gusts between 10 and 16 knots. Barometric pressure continues to follow the normal diurnal cycle.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: AC

SELECT CENTRAL PACIFIC HURRICANE CENTER ADVISORY INFORMATION:

HURRICANE ISELLE ADVISORY NUMBER 25

NWS CENTRAL PACIFIC HURRICANE CENTER HONOLULU HI

500 AM HST WED AUG 06 2014

...HURRICANE ISELLE WEAKENS AS IT TRACKS TOWARD THE MAIN HAWAIIAN ISLANDS...

WATCHES AND WARNINGS

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CHANGES IN WATCHES AND WARNINGS WITH THIS ADVISORY...

A TROPICAL STORM WATCH HAS BEEN ISSUED FOR OAHU.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WATCH IS IN EFFECT FOR...

\* HAWAII COUNTY

\* MAUI COUNTY

\* OAHU

A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA WITHIN THE NEXT 48 HOURS.

A TROPICAL STORM WARNING WILL LIKELY BE ISSUED FOR HAWAII COUNTY... AND POSSIBLY MAUI COUNTY LATER TODAY.

INTERESTS IN KAUAI COUNTY AND THE NORTHWESTERN HAWAIIAN ISLANDS SHOULD MONITOR THE PROGRESS OF ISELLE. WATCHES MAY BE REQUIRED FOR ADDITIONAL ISLANDS LATER TODAY OR THURSDAY.

FOR STORM INFORMATION SPECIFIC FOR YOUR AREA...PLEASE MONITOR PRODUCTS ISSUED BY THE NATIONAL WEATHER SERVICE OFFICE IN HONOLULU.

DISCUSSION AND 48-HOUR OUTLOOK

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AT 500 AM HST THE CENTER OF HURRICANE ISELLE WAS LOCATED ABOUT 720 MI ESE OF HILO HAWAII. ISELLE IS MOVING TOWARD THE WEST-NORTHWEST NEAR 15 MPH. THIS GENERAL MOTION IS EXPECTED TO CONTINUE THROUGH THURSDAY NIGHT...WITH A GRADUAL INCREASE IN FORWARD SPEED. ON THIS FORECAST TRACK...THE OUTER WINDS

OF ISELLE MAY REACH THE EASTERNMOST HAWAIIAN ISLANDS BY THURSDAY AFTERNOON.

MAXIMUM SUSTAINED WINDS ARE NEAR 85 MPH WITH HIGHER GUSTS. ADDITIONAL WEAKENING IS FORECAST THROUGH THURSDAY...AND ISELLE IS EXPECTED TO BE A TROPICAL STORM LATER TODAY OR TONIGHT.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 30 MILES FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 140 MILES.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 985 MB.

HAZARDS AFFECTING LAND

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WIND...TROPICAL STORM CONDITIONS ARE POSSIBLE ON THE BIG ISLAND OF HAWAII ON THURSDAY. THESE ADVERSE WEATHER CONDITIONS MAY SPREAD TO MAUI COUNTY AND OAHU THURSDAY NIGHT OR FRIDAY.

SURF...SWELLS GENERATED BY ISELLE ARE EXPECTED TO REACH THE MAIN HAWAIIAN ISLANDS TODAY...POSSIBLY BECOMING DAMAGING ALONG SOME COASTLINES STARTING LATE TONIGHT OR THURSDAY.

RAINFALL...HEAVY RAINS ASSOCIATED WITH ISELLE ARE EXPECTED TO REACH THE BIG ISLAND THURSDAY AND SPREAD TO THE REMAINDER OF THE STATE THURSDAY NIGHT AND FRIDAY. THESE RAINS COULD CAUSE LIFE-THREATENING FLASH FLOODS AND MUD SLIDES.

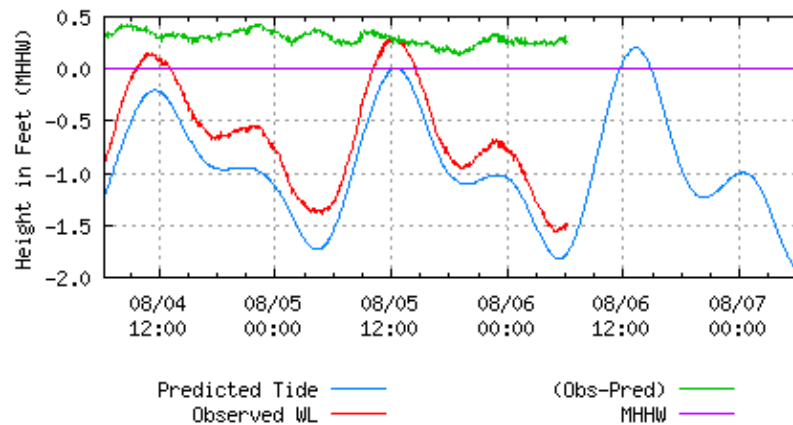
FORECASTER HOUSTON

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Nawiliwili - Water Level](#), [Nawiliwili - Air/Water Temp](#), [Honolulu - Water Level](#), [Honolulu - Winds](#), [Honolulu - Barometric](#), [Honolulu - Air/Water Temp](#), [Mokuoloe - Water Level](#), [Mokuoloe - Winds](#), [Mokuoloe - Barometric](#), [Mokuoloe - Air/Water Temp](#), [Kahului, Kahului Harbor - Water Level](#), [Kahului, Kahului Harbor - Winds](#), [Kahului, Kahului Harbor - Barometric](#), [Kahului, Kahului Harbor - Air/Water Temp](#), [Kawaihae - Water Level](#), [Kawaihae - Winds](#), [Kawaihae - Air/Water Temp](#), [Hilo, Hilo Bay, Kuhio Bay - Water Level](#), [Hilo, Hilo Bay, Kuhio Bay - Winds](#), [Hilo, Hilo Bay, Kuhio Bay - Barometric](#), [Hilo, Hilo Bay, Kuhio Bay - Air/Water Temp](#)

NOAA/NOS/CO-OPS 1611400 Nawiliwili, HI

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 08/06/2014 06:12 (HST). Data relative to MHHW

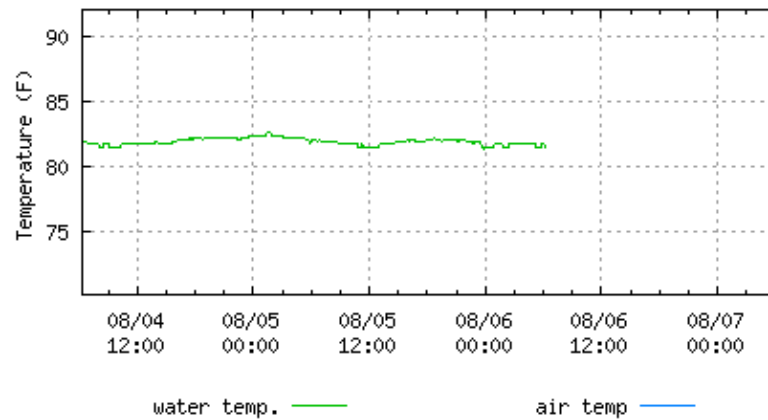
Observed: -1.49 ft. Predicted: -1.76 ft. Residual: 0.27 ft.

Historical Maximum Water Level: Sep 11 1992, 3.15 ft.

Next High Tide: 08/06/2014 13:14 (HST), 0.20 ft.

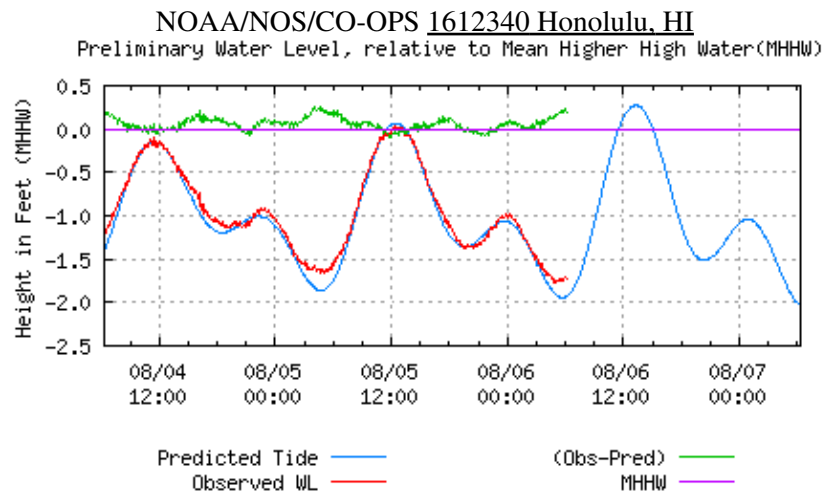
NOAA/NOS/CO-OPS 1611400 Nawiliwili, HI

Air / Water Temperature



Last Observed Sample: 08/06/2014 06:12 (HST)

Water Temperature: 81.7° F Air Temperature: n/a

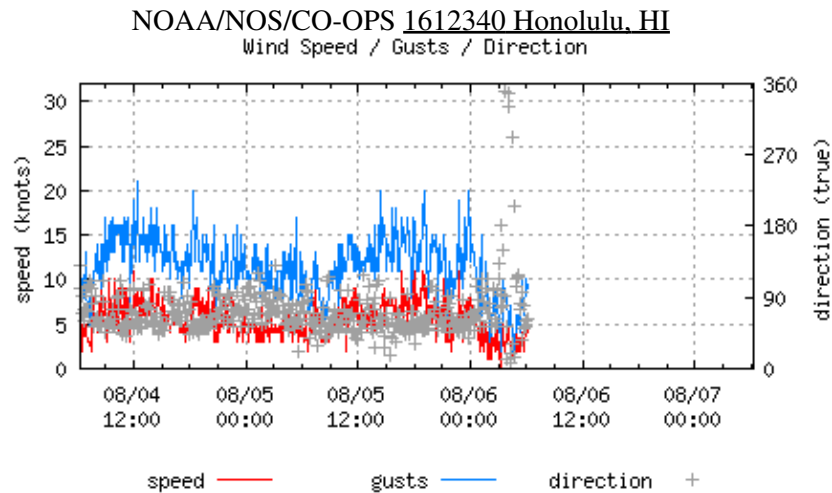


Last Observed Sample: 08/06/2014 06:06 (HST). Data relative to MHHW

Observed: -1.73 ft. Predicted: -1.93 ft. Residual: 0.20 ft.

Historical Maximum Water Level: Feb 14 1967, 1.49 ft.

Next High Tide: 08/06/2014 13:15 (HST), 0.28 ft.

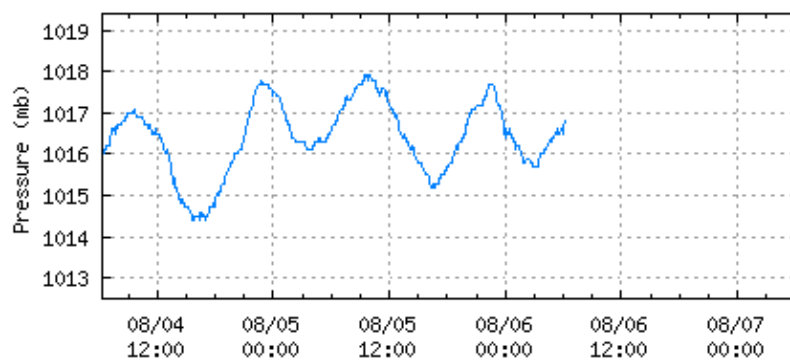


Last Observed Sample: 08/06/2014 06:06 (HST)

Wind Speed: 4 knots Gusts: 9 knots Direction: 63° T

NOAA/NOS/CO-OPS 1612340 Honolulu, HI

Barometric Pressure



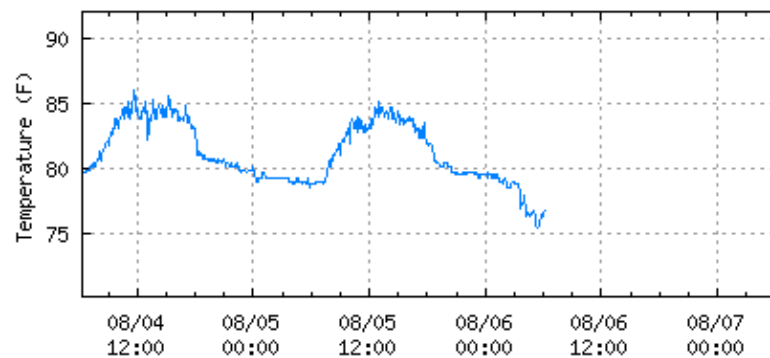
barometric pressure —

Last Observed Sample: 08/06/2014 06:06 (HST)

Barometric Pressure: 1016.8 mb

NOAA/NOS/CO-OPS 1612340 Honolulu, HI

Air / Water Temperature

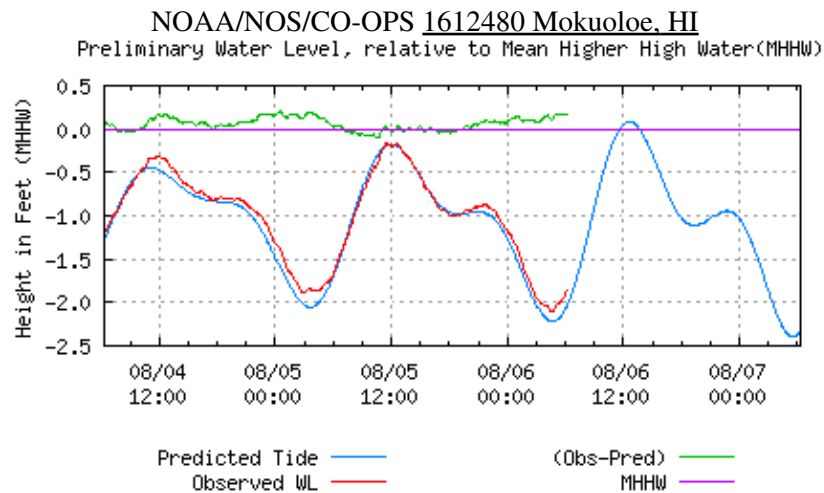


water temp. —

air temp. —

Last Observed Sample: 08/06/2014 06:06 (HST)

Water Temperature: n/a Air Temperature: 76.8° F

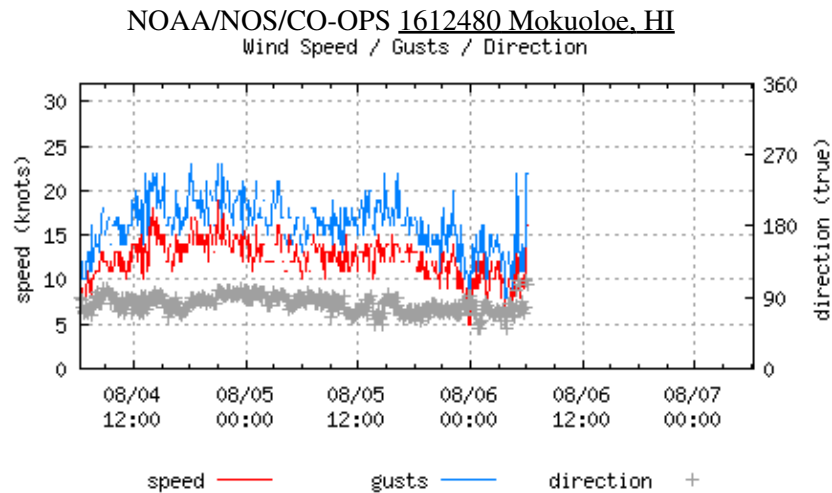


Last Observed Sample: 08/06/2014 06:06 (HST). Data relative to MHHW

Observed: -1.87 ft. Predicted: -2.05 ft. Residual: 0.18 ft.

Historical Maximum Water Level: Jan 8 1974, 1.46 ft.

Next High Tide: 08/06/2014 12:38 (HST), 0.08 ft.

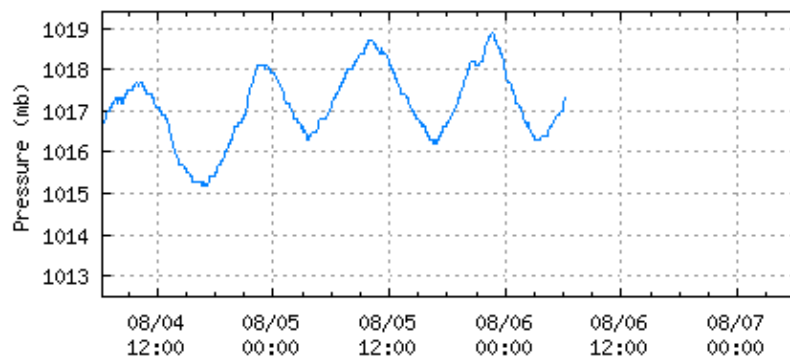


Last Observed Sample: 08/06/2014 06:06 (HST)

Wind Speed: 16 knots Gusts: 22 knots Direction: 107° T

NOAA/NOS/CO-OPS 1612480 Mokuoloe, HI

Barometric Pressure



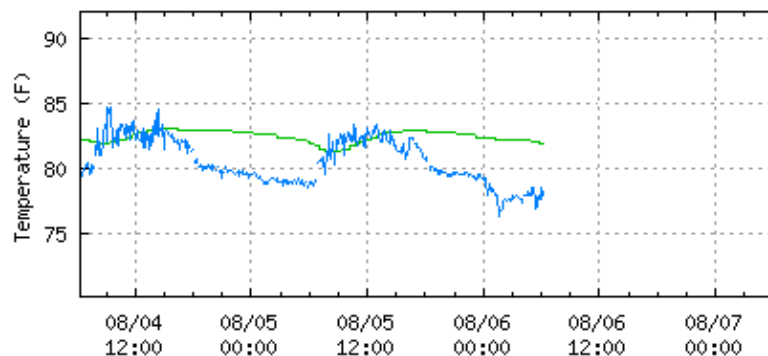
barometric pressure —

Last Observed Sample: 08/06/2014 06:06 (HST)

Barometric Pressure: 1017.3 mb

NOAA/NOS/CO-OPS 1612480 Mokuoloe, HI

Air / Water Temperature



water temp. —

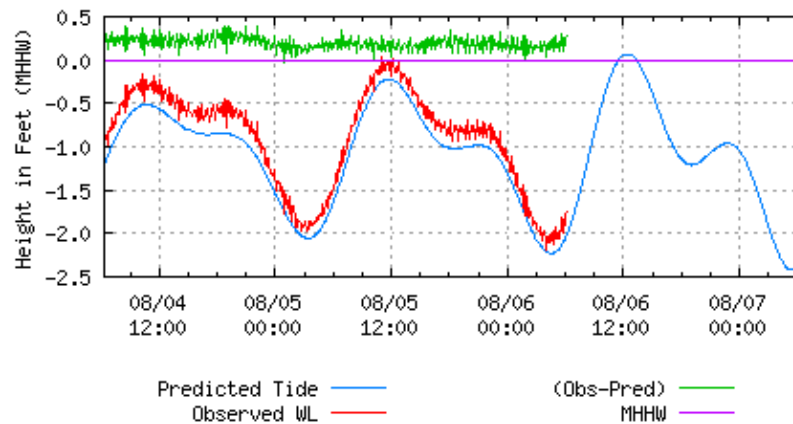
air temp —

Last Observed Sample: 08/06/2014 06:06 (HST)

Water Temperature: 81.9° F Air Temperature: 77.9° F



NOAA/NOS/CO-OPS 1615680 Kahului, Kahului Harbor, HI  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



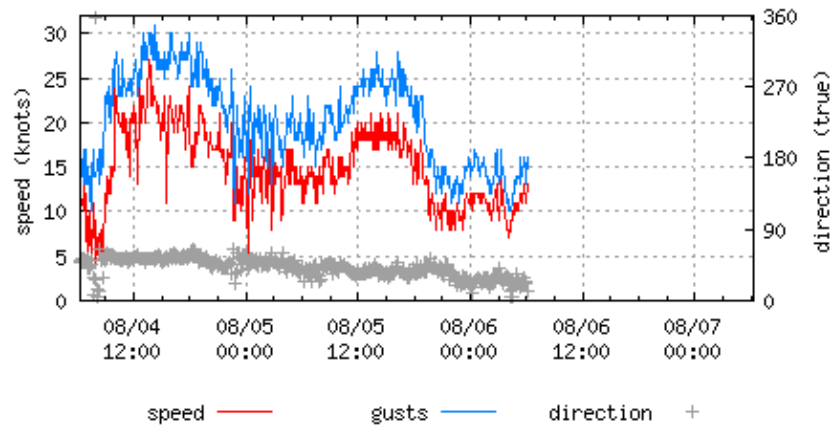
Last Observed Sample: 08/06/2014 06:06 (HST). Data relative to MHHW

Observed: -1.74 ft. Predicted: -2.02 ft. Residual: 0.28 ft.

Historical Maximum Water Level: Dec 20 1968, 1.23 ft.

Next High Tide: 08/06/2014 12:24 (HST), 0.07 ft.

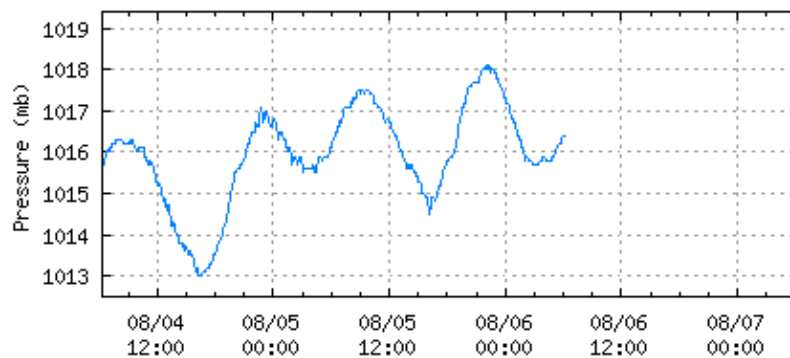
NOAA/NOS/CO-OPS 1615680 Kahului, Kahului Harbor, HI  
Wind Speed / Gusts / Direction



Last Observed Sample: 08/06/2014 06:06 (HST)

Wind Speed: 13 knots Gusts: 16 knots Direction: 11° T

NOAA/NOS/CO-OPS 1615680 Kahului, Kahului Harbor, HI  
Barometric Pressure

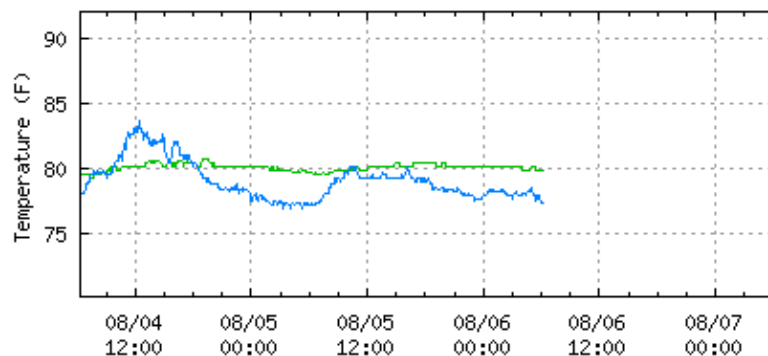


barometric pressure —

Last Observed Sample: 08/06/2014 06:06 (HST)

Barometric Pressure: 1016.4 mb

NOAA/NOS/CO-OPS 1615680 Kahului, Kahului Harbor, HI  
Air / Water Temperature

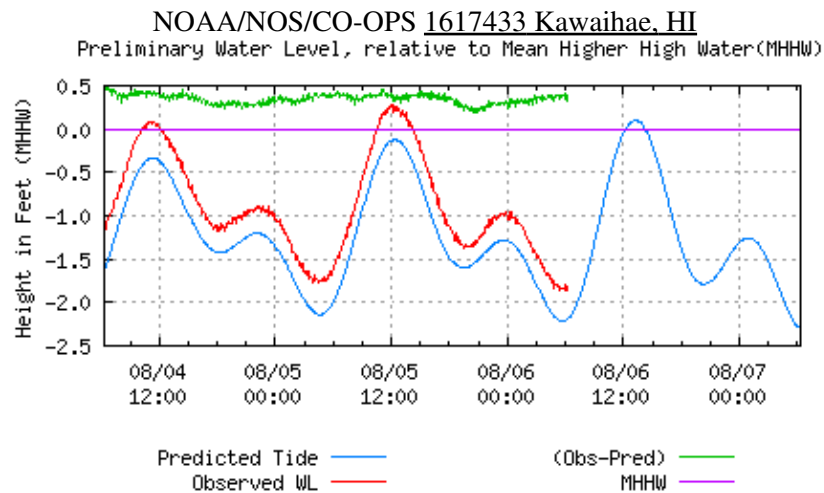


water temp. —

air temp —

Last Observed Sample: 08/06/2014 06:06 (HST)

Water Temperature: 79.9° F Air Temperature: 77.4° F

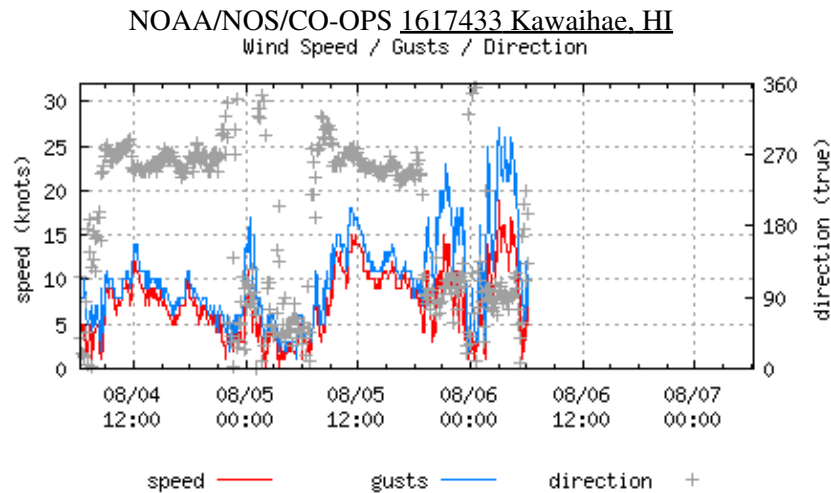


Last Observed Sample: 08/06/2014 06:12 (HST). Data relative to MHHW

Observed: -1.81 ft. Predicted: -2.19 ft. Residual: 0.38 ft.

Historical Maximum Water Level: Dec 13 2008, 1.22 ft.

Next High Tide: 08/06/2014 13:13 (HST), 0.10 ft.

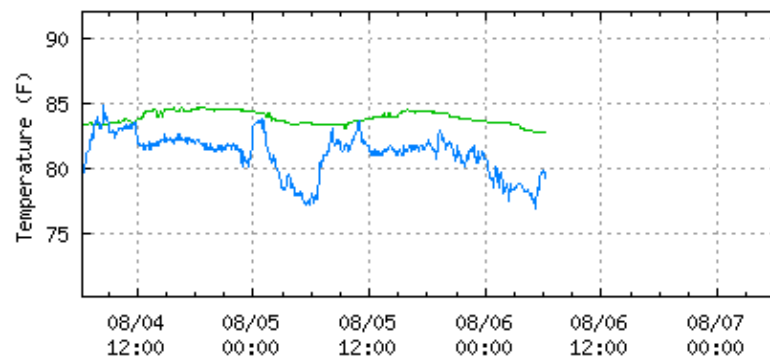


Last Observed Sample: 08/06/2014 06:12 (HST)

Wind Speed: 5 knots Gusts: 7 knots Direction: 196° T

NOAA/NOS/CO-OPS 1617433 Kawaihae, HI

Air / Water Temperature



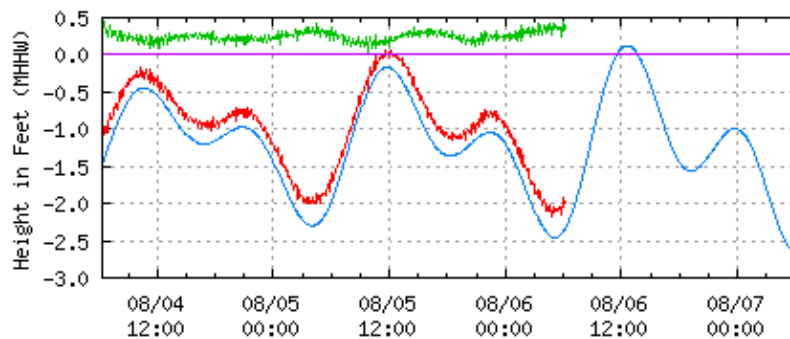
water temp. — air temp —

Last Observed Sample: 08/06/2014 06:12 (HST)

Water Temperature: 82.8° F Air Temperature: 79.7° F

NOAA/NOS/CO-OPS 1617760 Hilo, Hilo Bay, Kuhio Bay, HI

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 08/06/2014 06:06 (HST). Data relative to MHHW

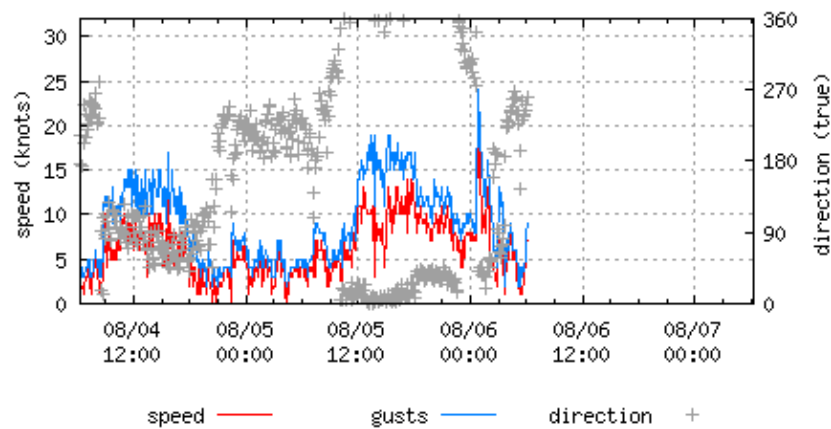
Observed: -2.01 ft. Predicted: -2.35 ft. Residual: 0.34 ft.

Historical Maximum Water Level: Jan 20 1981, 1.37 ft.

Next High Tide: 08/06/2014 12:36 (HST), 0.12 ft.

NOAA/NOS/CO-OPS 1617760 Hilo, Hilo Bay, Kuhio Bay, HI

Wind Speed / Gusts / Direction

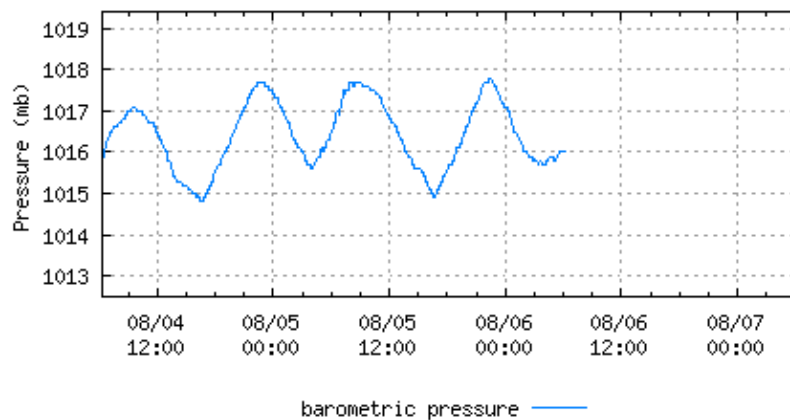


Last Observed Sample: 08/06/2014 06:06 (HST)

Wind Speed: 7 knots Gusts: 9 knots Direction: 262° T

NOAA/NOS/CO-OPS 1617760 Hilo, Hilo Bay, Kuhio Bay, HI

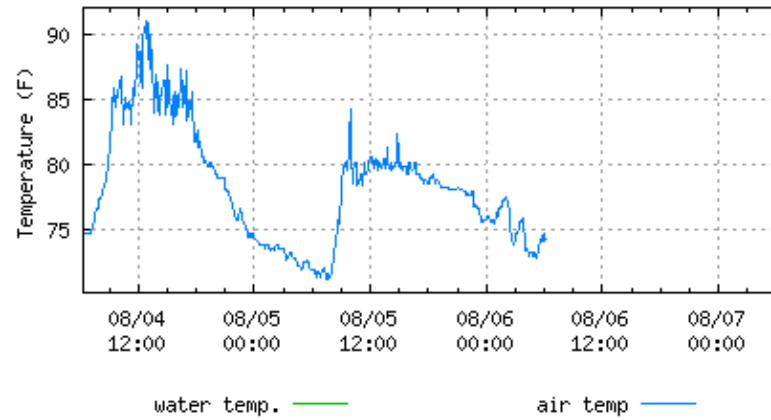
Barometric Pressure



Last Observed Sample: 08/06/2014 06:06 (HST)

Barometric Pressure: 1016.0 mb

NOAA/NOS/CO-OPS 1617760 Hilo, Hilo Bay, Kuhio Bay, HI  
Air / Water Temperature



water temp. — air temp —  
Last Observed Sample: 08/06/2014 06:06 (HST)  
Water Temperature: n/a Air Temperature: 74.3° F

# Hurricane ISELLE QuickLook, POSTED 06:30 HST 08/06/2014

## Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
1611400	Nawiliwili, HI	08/06/2014 06:12 (HST)	-1.49 ft	-1.76 ft	0.27 ft	0.31 ft
1612340	Honolulu, HI	08/06/2014 06:06 (HST)	-1.73 ft	-1.93 ft	0.20 ft	0.04 ft
1612480	Mokuoloe, HI	08/06/2014 06:06 (HST)	-1.87 ft	-2.05 ft	0.18 ft	-0.17 ft
1615680	Kahului, Kahului Harbor, HI	08/06/2014 06:06 (HST)	-1.74 ft	-2.02 ft	0.28 ft	0.03 ft
1617433	Kawaihae, HI	08/06/2014 06:12 (HST)	-1.81 ft	-2.19 ft	0.38 ft	0.28 ft
1617760	Hilo, Hilo Bay, Kuhio Bay, HI	08/06/2014 06:06 (HST)	-2.01 ft	-2.35 ft	0.34 ft	0.07 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce